

FIG. 1

*[Handwritten signature]*

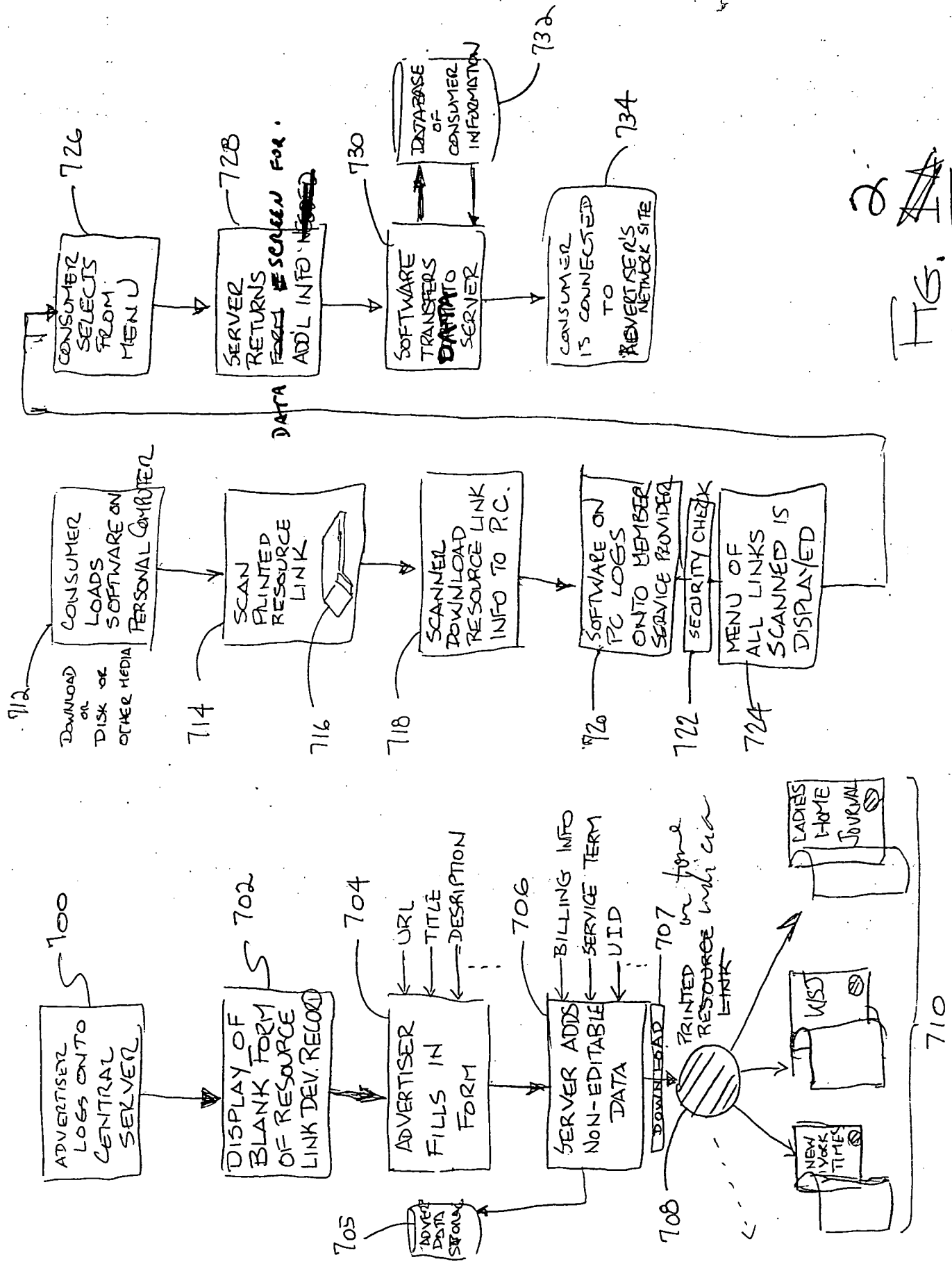


FIG. 2

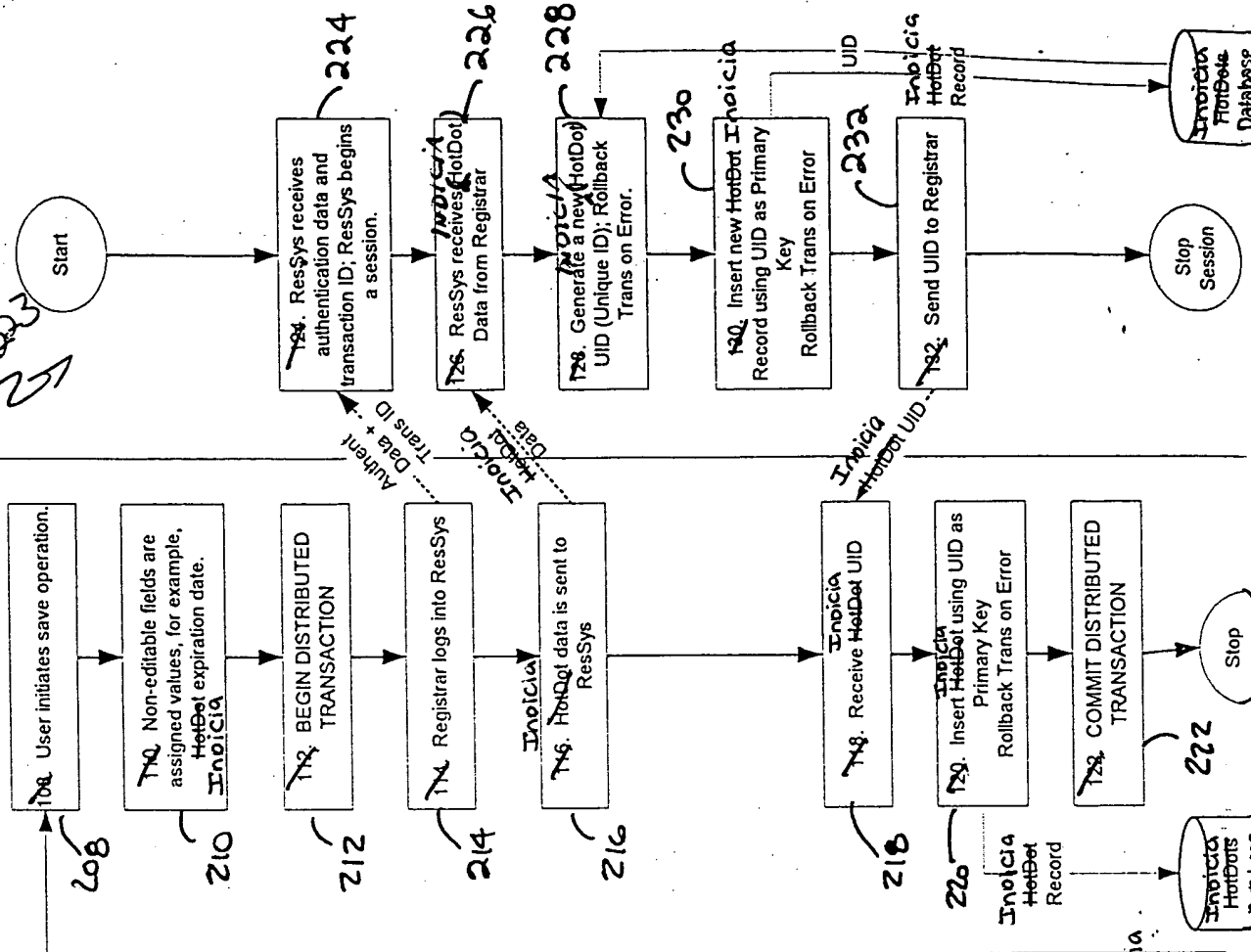
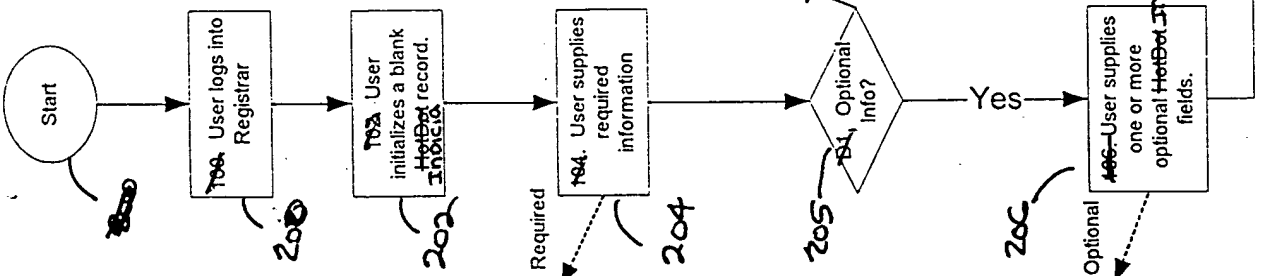
# Create HotDot Record

Registrar

Resolution Sub System (ResSys)

<b>URL (Universal Resource Locator) Template</b> This is a standard Internet URL with zero or more named parameters surrounded by angle brackets, for example <DOB> for consumer's date of birth. Parameters can refer to a field in the consumer demographics database - these are supplied at HotDot resolution time. Parameters can also refer to one of this HotDot's Embedded Fields (see below); these are supplied at HotDot rendering time.
<b>Short and Long Titles</b> These identify how the underlined hyperlink should appear when displaying a HotDot List. The Short Title is needed when screen/real estate is restricted on the Internet Client (ie, PDA, cell phone).
<b>Description</b> This is a brief description of the target page.
<b>Embedded Description</b> Up to 8 character text to be embedded into the actual rendered HotDot image.
<b>Embedded Category</b> User picks from a list of categories. This is then mapped to a three character code embedded in the rendered HotDot image to help identify its function at scan time, perhaps via an on-screen icon.
<b>Search Meta Tags?</b> User must specify if the specified Web page contains meta tags that should be searched daily to automatically update certain HotDot details.

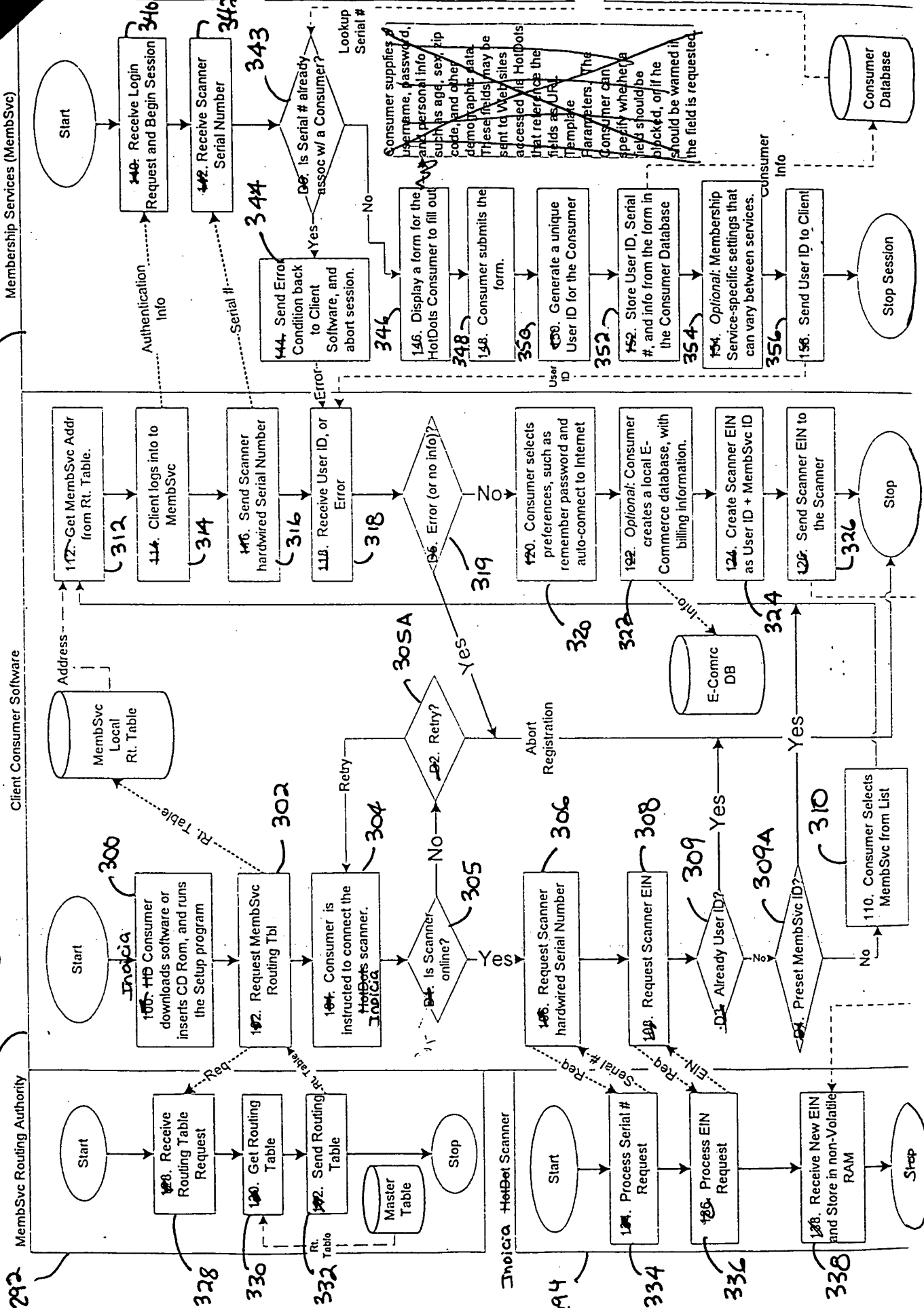
<b>HotDots Guide Category</b> User picks from a tree-selector of hierarchical categories to determine where this HotDot would appear in the Guide.
<b>HotDots Searchable Keywords</b> User enters a few keywords that can be subsequently searched for.
<b>Image</b> User can upload an image to be displayed along with the files and description on a HotDot's list.
<b>Embedded Field List</b> User can specify one or more fields to be supplied a HotDot rendering time. Each parameter is assigned a name, datatype, length, and ordinal position. Example: name "Social Number" type "integer" length 4 bytes.



## 298 Register Consumer and Scanner

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## Membership Services (MembSvc)



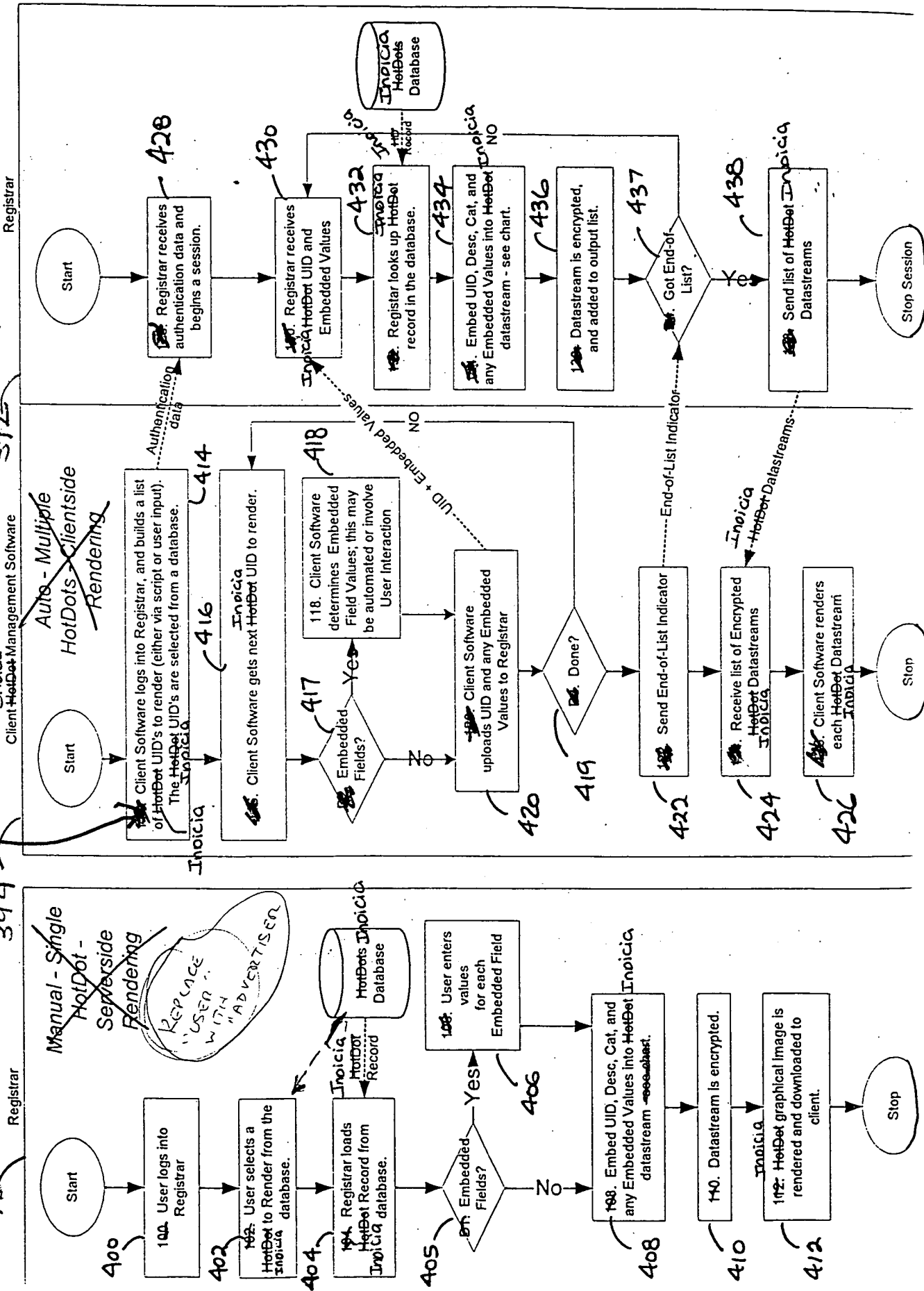
3982

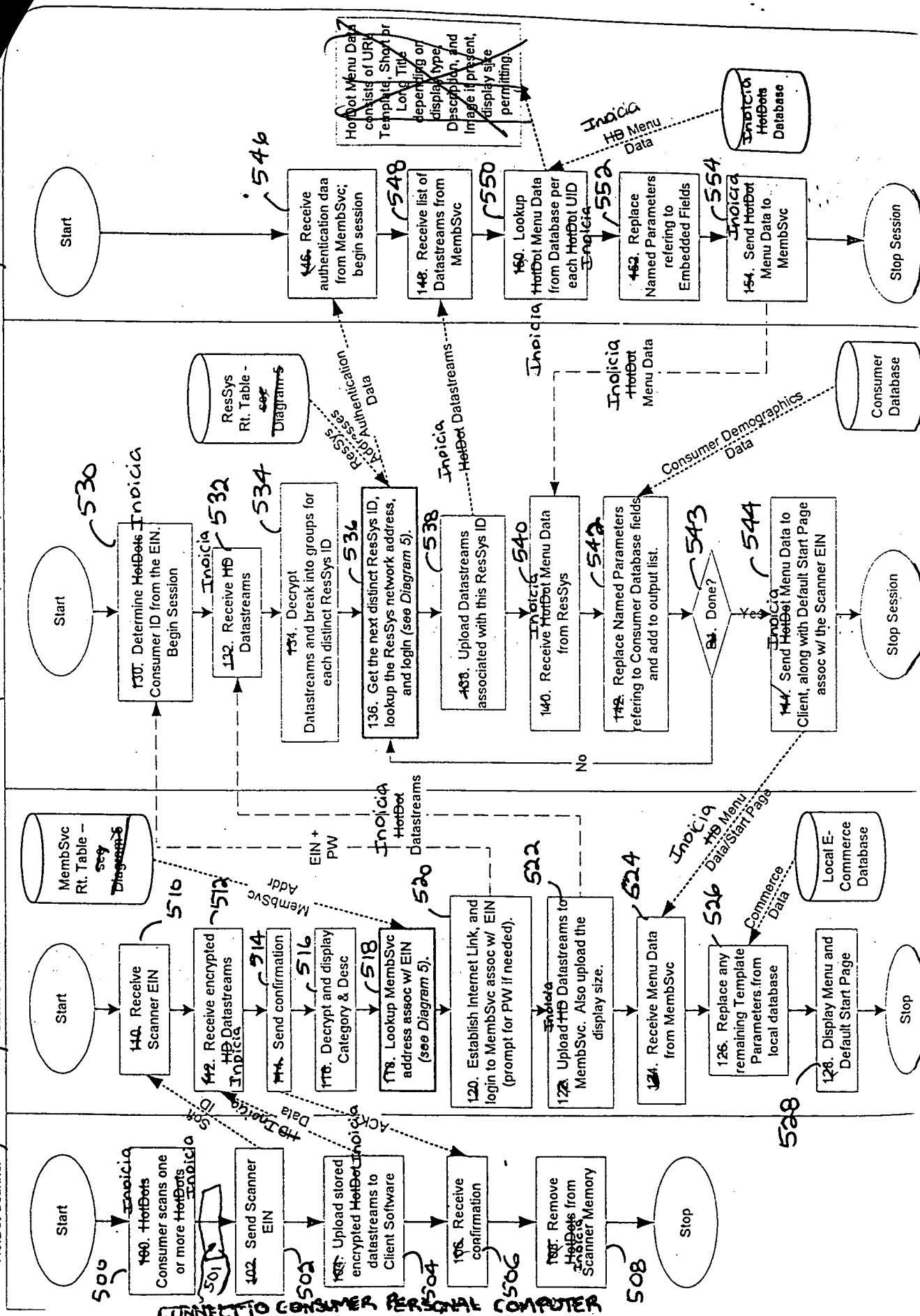
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# Render HotDot Record

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FIG. 5





# HotDets Routing Method

HotDets Routing Function (Part of all SubSystems)

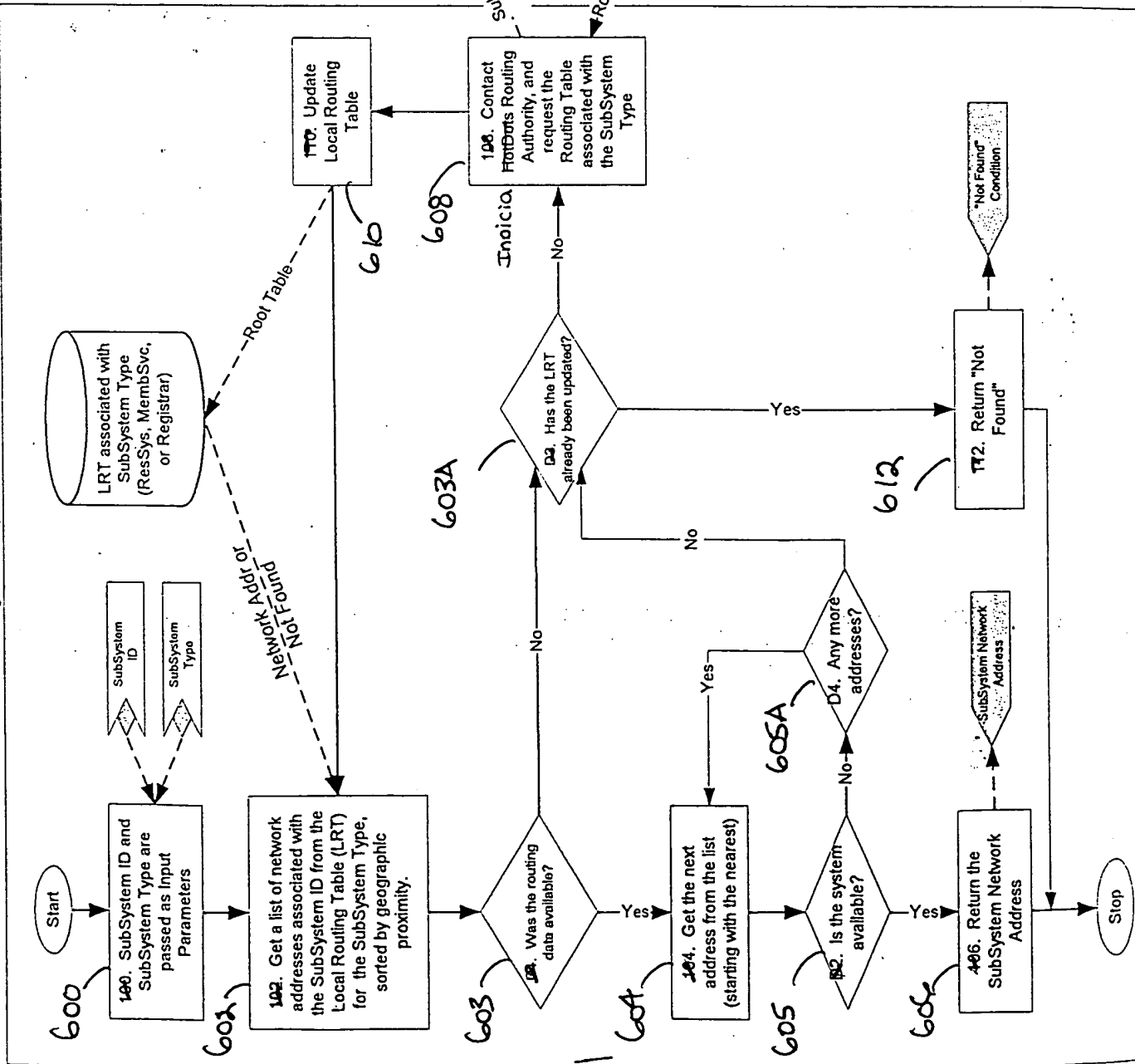
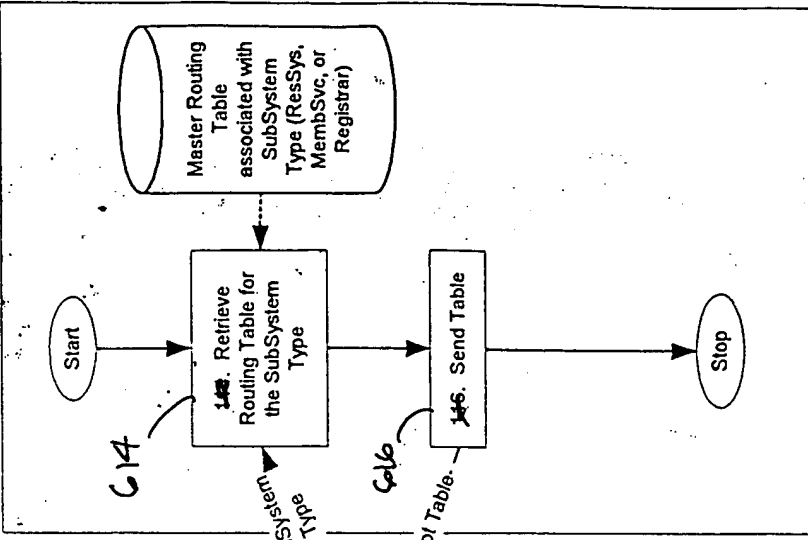


Fig 67

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Indicia  
HotDets Routing Authority



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616

Stop